

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claims 1-5 (cancelled)**

1           **Claim 6 (currently amended):** A fitting system for in situ  
2           fitting at least one hearing device to the auditory needs of  
3           an individual with said hearing device applied comprising:  
4           a fitting calculator unit with an input and with a  
5           setting signal output being linkable to a setting input of a  
6           hearing device applied to said individual; and  
7           a rating unit with an output and generating at said  
8           output an output signal as a response of said individual's  
9           appraisal of an auditory stimulus;  
10           ~~said output of said rating unit being linked to said~~  
11           ~~input of said fitting calculator unit and said setting signal~~  
12           ~~output of said calculator unit being linkable to said setting~~  
13           ~~input of said hearing device at said individual via a~~  
14           ~~bidirectional interface unit having an input linked to the~~  
15           ~~output of the rating unit, an output being linkable to the~~  
16           ~~setting input of the hearing device, and an input/output being~~  
17           ~~linkable to both the input and the setting signal output of~~  
18           ~~the fitting calculator unit;~~  
19           said bidirectional interface unit exclusively providing

20     for transfer of information contained in a signal at the  
21     output of the rating unit to the input of the fitting  
22     calculator;

23             said bidirectional interface unit exclusively providing  
24     for transfer of information contained in a setting signal at  
25     the setting signal output of the fitting calculator unit to  
26     the setting input of the hearing device;

27             said fitting calculator generating setting signals for  
28     said hearing device as a function of said output signal of  
29     said rating unit.

1             **Claim 7 (previously presented):** The fitting system of  
2     claim 6, wherein said bidirectional interface is an I2C  
3     interface.

1             **Claim 8 (previously presented):** The fitting system of  
2     claim 6, wherein said rating unit is at least one of a keypad  
3     and of a voice input device.

1             **Claim 9 (previously presented):** The fitting system of  
2     claim 6, wherein said bidirectional interface unit is a  
3     standalone unit and comprises an output/input for signals to  
4     and from said input and said setting output of said fitting  
5     calculator unit and an output linkable to said setting input  
6     of said hearing device and an input linked to said output of  
7     said rating unit.

1           **Claim 10 (previously presented):** The fitting system of  
2       claim 6, wherein at least one of a link between said setting  
3       signal output of said calculator unit and said setting input  
4       of a hearing device and of a link between said output of said  
5       rating unit and said input of said fitting calculator unit  
6       comprises a wireless link.

1           **Claim 11 (currently amended):** A method for fitting at  
2       least one hearing device comprising:

3           applying to an individual a hearing device with a setting  
4       input;

5           exposing said individual with said hearing device to an  
6       auditory stimulus;

7           having said individual input his appraisal of said  
8       auditory stimulus to a rating unit;

9           communicating a signal in dependency of said appraisal to  
10      a fitting calculator unit;

11          calculating setting values by said fitting calculator  
12      unit in dependency of said appraisal signals;

13          communicating from said fitting calculator unit said  
14      setting signal to a setting input of said hearing device at  
15      said individual, thereby performing communication of said  
16      appraisal signals to said fitting calculator unit and of said  
17      setting ~~signal~~ values to said hearing device exclusively via  
18      a bidirectional interface.

1           **Claim 12 (currently amended):** A fitting system for in  
2       situ fitting at least one hearing device to the auditory needs  
3       of an individual with said hearing device applied comprising:

4           a fitting calculator unit with an input and with a  
5       setting signal output being linkable to a setting input of a  
6       hearing device applied to said individual; and

7           a rating unit with an output and generating at said  
8       output an output signal as a response to said individual's  
9       appraisal of an auditory stimulus;

10          wherein said output of said rating unit is linked to said  
11       input of said fitting calculator unit and said setting signal  
12       output of said calculator unit is linkable to said setting  
13       input of said hearing device at said individual exclusively  
14       via a bidirectional interface unit remote from said fitting  
15       calculator; and

16          said fitting calculator generates setting signals for  
17       said hearing device as a function of said output signal of  
18       said rating unit.

1           **Claim 13 (previously presented):** The fitting system of  
2       claim 12, wherein said bidirectional interface is an I2C  
3       interface.

1           **Claim 14 (previously presented):** The fitting system of  
2       claim 12, said rating unit including at least one of a keypad

3       and a voice input device.

1               **Claim 15 (previously presented):** The fitting system of  
2       claim 12, wherein said bidirectional interface unit is a  
3       standalone unit and comprises an interface for signals to and  
4       from said input and said setting output of said fitting  
5       calculator unit and an output linkable to said setting input  
6       of said hearing device and an input linked to said output of  
7       said rating unit.

1               **Claim 16 (previously presented):** The fitting system of  
2       claim 12, wherein at least one of a link between said setting  
3       signal output of said calculator unit and said setting input  
4       of a hearing device, and of a link between said output of said  
5       rating unit and said input of said fitting calculator unit  
6       comprises a wireless link.

1               **Claim 17 (currently amended):** A method for fitting at  
2       least one hearing device comprising:  
3               applying to an individual a hearing device with a setting  
4       input;  
5               exposing said individual with said hearing device to an  
6       auditory stimulus;  
7               having said individual input his appraisal of said  
8       auditory stimulus to a rating unit;  
9               communicating a signal in dependency of said appraisal to

10 a fitting calculator unit;  
11 calculating setting values by said fitting calculator  
12 unit in dependency of said appraisal signals;  
13 communicating from said fitting calculator unit said  
14 setting signal to a setting input of said hearing device at  
15 said individual, thereby performing communication of said  
16 appraisal signals to said fitting calculator unit and of said  
17 setting ~~signal values~~ to said hearing device exclusively via  
18 a bidirectional interface remote from said fitting calculator.

1 **Claim 18 (withdrawn):** A method for manufacturing a  
2 hearing device fitted to an individual comprising the steps  
3 of:  
4 manufacturing a hearing device; and  
5 applying to an individual said hearing device according  
6 to the method for fitting of claim 17.

1 **Claim 19 (previously presented):** The fitting system  
2 according to claim 6 wherein the bidirectional interface is  
3 remote from the fitting calculator.

1 **Claim 20 (currently amended):** A system for adapting at  
2 least one hearing device to the needs of an individual,  
3 comprising:  
4 an adaptation computing unit (1);  
5 a first interface unit for ~~the~~ exclusive output of

6 signals to at least one hearing device (7) connectable  
7 thereto;

8 a second interface unit for ~~the~~exclusive acceptance of  
9 individual audio-stimulant reaction signals;

10 a computing unit (3) of the adaption computing unit,  
11 which calculates as a function of inputs to the second  
12 interface unit outputs to the first interface unit;

13 wherein the first and second interface units are in the  
14 form of a single bidirectional communication unit.

1 **Claim 21 (currently amended):** The system according to  
2 claim 20, wherein the ~~interface~~bidirectional communication  
3 unit (13) is an I (2)C interface unit.

1 **Claim 22 (currently amended):** The system according to  
2 claim 20, further comprising an assessment input unit (9) is  
3 provided for audio-stimulant reaction signals, the assessment  
4 unit being at least one of a keypad and a voice input unit,  
5 the assessment input unit being connectable to the ~~interface~~  
6 bidirectional communication unit (13).

1 **Claim 23 (currently amended):** The system according to  
2 claim 20, wherein the ~~interface~~bidirectional communication  
3 unit is formed as a branching unit with a connection to the  
4 adaptation computing unit, a connection to an assessment input  
5 unit and a connection to the at least one hearing device.

1           **Claim 24 (currently amended):** The system according to  
2           claim 20, wherein ~~the~~a communication connection between the  
3           hearing device and/or an input unit and the adaptation  
4           computing unit (1) is at least partly wireless.

1           **Claim 25 (new):** A fitting system for in situ fitting at  
2           least one hearing device to the auditory needs of an  
3           individual with said hearing device applied comprising  
4           a fitting calculator unit with an input and with a  
5           setting signal output being linkable to a setting input of a  
6           hearing device applied to said individual; and  
7           a rating unit with an output and generating at said  
8           output an output signal as a response of said individual's  
9           appraisal of an auditory stimulus;  
10          said output of said rating unit being directly linked to  
11          said input of said fitting calculator unit and said setting  
12          signal output of said calculator unit being directly linkable  
13          to said setting input of said hearing device at said  
14          individual via a bidirectional interface unit;  
15          said fitting calculator generating setting signals for  
16          said hearing device as a function of said output signal of  
17          said rating unit.